

L4 ANSWER 35 OF 44 CA COPYRIGHT 2005 ACS on STN

AN 107:160386 CA

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TI Additives for cement extrusion

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PA Sanyo Chemical Industries Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM C04B024-22

ICS C04B024-38

CC 58-1 (Cement, Concrete, and Related Building Materials)

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI JP 62036055	A2	19870217	JP 1985-176237	19850809
PRAI JP 1985-176237			19850809	

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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JP 62036055	ICM	C04B024-22
	ICS	C04B024-38

AB . The additives comprise 50-90 weight% water soluble or water dispersible cellulose derivs. and 10-50 weight% formaldehyde-(alkyl)naphthalenesulfonic acid condensate salt and/or formaldehyde-melamine sulfonic acid salt copolymer. Cement mixts. are easily kneaded and extruded with the additives. Thus, 80 parts hydroxypropylmethyl cellulose (8300 cP) and 20 parts Na salt of formaldehyde-naphthalenesulfonic acid condensate were mixed to give an additive, which (1 part) was added to a mixture of cement 100, asbestos 20, and H<sub>2</sub>O 35 parts. The mixture was extruded for torque 80 kg/cm and no dehydration was observed in the extruded product.

ST sulfonate formaldehyde copolymer cement dispersant;  
cellulose deriv cement dispersant;  
melamine formaldehyde copolymer cement  
dispersant

IT Cement  
(dispersants for, formaldehyde copolymer salts and cellulose derivs.)

IT Dispersing agents  
(formaldehyde copolymer salts and cellulose derivs., for cement)

IT 50-00-0D, polymers with sulfonated melamines 108-78-1D, sulfonated polymers with formaldehyde 9004-65-3, Hydroxypropylmethyl cellulose 9084-06-4, Formaldehyde-naphthalenesulfonic acid copolymer sodium salt  
RL: USES (Uses)